

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview

1. **Date of Submission:** 2011-02-25
2. **Agency:** 026
3. **Bureau:** 00
4. **Name of this Investment:** NASA Financial / Business Management Program
5. **Unique Project (Investment) Identifier (UPI):** 026-00-01-01-01-1101-00
6. **What kind of investment will this be in FY 2012?:** Mixed Life Cycle
 - Planning
 - Full Acquisition
 - Operations and Maintenance
 - Mixed Life Cycle
 - Multi-Agency Collaboration
7. **What was the first budget year this investment was submitted to OMB?** FY2001 or earlier
8.
 - a. **Provide a brief summary of the investment and justification, including a brief description of how this closes in part or in whole an identified agency performance gap, specific accomplishments expected by the budget year and the related benefit to the mission, and the primary beneficiary(ies) of the investment.**

Program funds the NASA Enterprise Applications Competency Center (NEACC) which provides operations and sustaining support for a variety of enterprise business/financial systems, including Core Financial and Contract Management Module. The Core Financial system serves as NASA's financial accounting system of record and is the foundation for NASA's business systems providing the core accounting functionality. CF has been structured to ensure that NASA makes measurable and demonstrable progress toward achieving the PMA Scorecard standards for success in Improved Financial Performance, compliance with FMFIA and FFMIA, and an unqualified financial audit opinion. This investment is designed and planned to support improvements to the three central areas that affect financial performance: business processes, technology (systems/software), and reporting/information delivery. FedTravel, an eGov initiative, is an Agencywide travel processing system integrated with the existing CF system. FedTravel allows NASA to realize operational efficiencies, cost-savings, and increased service to the traveler through a common, automated, and integrated approach to managing Federal government travel functions. The Contract Management Module/ Program Information Systems Mission (PRISM) is used as a hub to modernize/standardize NASA's procurement processes and systems. It provides an integrated Agencywide procurement solution that ties with CF, supports government mandates and promotes NASA's internal initiatives to optimize business operations by incorporating common industry "best practices". The NASA PP&E system provides integrated processes between PP&E logistics and PP&E financial, improved usability and operability and improved PP&E logistics and financial management. This investment addresses performance gaps from past audits related to asset management. Human Capital Information Environment (HCIE) improves NASA's human resources capabilities by providing an integrated, strategic and Agencywide approach to HC management, eliminating redundant systems and consolidating applications. It provides the Agency with one authoritative data source for HC information and allows data integration of other NASA applications and E-Government initiatives. DME MMI project is expected to be completed in June of FY11. No DME projects are expected at this time for FY12 and beyond.
 - b. **Provide any links to relevant websites that would be useful to gain additional information on the**

investment including links to GAO and IG reports.

Title	Link
NONE	

9.

- a. Provide the date of the Agency's Executive/Investment Committee approval of this investment.
2010-09-02
- b. Provide the date of the most recent or planned approved project charter. 2001-09-01

10. Contact information?

- a. Program/Project Manager Name: *
Phone Number: *
Email: *
- b. Business Function Owner Name (i.e. Executive Agent or Investment Owner): Steve Smartt
Phone Number: *
Email: *

11. What project management qualifications does the Project Manager have? (choose only one per FAC-P/PM or DAWIA): Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this investment.

- Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/PM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.B.1: Summary of Funding

(In millions of dollars)

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Planning & Acquisition Government FTE Costs	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition(DME):	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
Operations, Maintenance, Disposition Government FTE Costs	*	*	*	*	*	*	*	*	*
Subtotal O&M and Disposition Costs (SS):	*	*	*	*	*	*	*	*	*
TOTAL FTE Costs	*	*	*	*	*	*	*	*	*
TOTAL (not including FTE costs):	*	*	*	*	*	*	*	*	*
TOTAL (including FTE costs):	*	*	*	*	*	*	*	*	*
Number of FTE represented by	*	*	*	*	*	*	*	*	*

Table I.B.1: Summary of Funding
(In millions of dollars)

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total
Costs:									

2. Insert the number of years covered in the column “PY-1 and earlier”: 3

3. Insert the number of years covered in the column “BY+4 and beyond”: *

4. If the summary of funding has changed from the FY 2011 President’s Budget request, briefly explain those changes:

*

Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table I.C.1 Contracts Table

Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternative financing	EVM Required	Ultimate Contract Value (M)	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Competed	Short description of acquisition
Awarded		NNM04AA02C		03HAW001	*	*	\$1,186.0	Cost Plus Award Fee	Y	2004-01-01	2012-03-31	Y	UNIFIED NASA INFORMATION TECHNOLOGY SERVICES (UNITES)
Awarded		NNM09277065R			*	*	\$350.0	Cost No Fee	Y	2010-10-01	2015-09-30		
Awarded		NNM11AA02C			*	*	\$100.0	Firm Fixed Price	Y	2011-02-01		Y	Enterprise Applications Service Technologies (EAST) Contract

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

*

3.

a. Has an Acquisition Plan been developed? If yes, please answer the questions that follow *

b. Does the Acquisition Plan reflect the requirements of FAR Subpart 7.1 *

c. Was the Acquisition Plan approved in accordance with agency requirements *

d.If "yes," enter the date of approval? *

e.Is the acquisition plan consistent with your agency Strategic Sustainability Performance Plan? *

f.Does the acquisition plan meet the requirements of EOs 13423 and 13514? *

g.If an Acquisition Plan has not been developed, provide a brief explanation.

*

Part II: IT Capital Investments

Section A: General

1.
 - a. Confirm that the IT Program/Project manager has the following competencies: configuration management, data management, information management, information resources strategy and planning, information systems/network security, IT architecture, IT performance assessment, infrastructure design, systems integration, systems life cycle, technology awareness, and capital planning and investment control. *yes*
 - b. If not, confirm that the PM has a development plan to achieve competencies either by direct experience or education.
2. Describe the progress of evaluating cloud computing alternatives for service delivery to support this investment.
3. Provide the date of the most recent or planned Quality Assurance Plan
4.
 - a. Provide the UPI of all other investments that have a significant dependency on the successful implementation of this investment.
 - b. If this investment is significantly dependent on the successful implementation of another investment(s), please provide the UPI(s).
5. An Alternatives Analysis must be conducted for all Major Investments with Planning and Acquisition (DME) activities and evaluate the costs and benefits of at least three alternatives and the status quo. The details of the analysis must be available to OMB upon request. Provide the date of the most recent or planned alternatives analysis for this investment. *2006-04-21*
6. Risks must be actively managed throughout the lifecycle of the investment. The Risk Management Plan and risk register must be available to OMB upon request. Provide the date that the risk register was last updated. *2010-09-09*

Section B: Cost and Schedule Performance

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Core Financial Implementation	DME	*	\$115.1	\$115.1	2004-02-14	2004-02-14	2004-06-30	2004-06-30	100.00%	100.00%
Project Management Info Improvement Implementation	DME	*	\$16.3	\$16.3	2004-10-01	2004-10-01	2006-03-31	2006-03-31	100.00%	100.00%
SAP Version Update	DME	*	\$72.7	\$72.7	2005-07-01	2005-07-01	2006-11-15	2006-11-15	100.00%	100.00%
Contract Management Module (CMM)	DME	*	\$50.6	\$50.6	2005-10-01	2005-10-01	2006-11-15	2006-11-15	100.00%	100.00%
FY 07 Operations & Support	SS	*	\$31.3	\$31.3	2006-10-01	2006-10-01	2007-09-30	2007-09-30	100.00%	100.00%
PP&E	DME	*	\$18.2	\$18.2	2006-07-31	2006-07-31	2008-12-31	2008-12-31	100.00%	100.00%
FY 08 Operations & Support	SS	*	\$45.4	\$45.4	2007-10-01	2007-10-01	2008-09-30	2008-09-30	100.00%	100.00%
HCIE	DME	*	\$13.1	\$13.1	2006-07-31	2007-10-01	2009-09-30	2009-09-30	100.00%	100.00%
eTravel	DME	*	\$12.2	\$12.1	2005-07-01	2007-10-01	2009-09-30	2009-09-30	100.00%	100.00%
FY 09 Operations & Support	SS	*	\$43.2	\$43.2	2008-10-01	2008-10-01	2009-09-30	2009-09-30	100.00%	100.00%
FY 10 Operations & Support	SS	*	\$51.9	\$49.4	2009-10-01	2009-10-01	2010-09-30		95.30%	95.30%
Real Property	DME	*	\$4.0	\$3.5	2009-10-01	2009-09-01	2010-10-05		86.80%	86.80%
FY 11 Operations & Support	SS	*	\$55.3	\$21.5	2010-10-01	2010-10-01	2011-09-30		38.90%	38.90%
Materials Management Initiative (MMI)	DME	*	\$6.6	\$4.6	2010-03-01	2010-03-01	2011-05-16		70.20%	70.20%
FY 12 Operations & Support	SS	*	*	*	2011-10-01	*	2012-09-30	*	*	*

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
FY 13 Operations & Support	SS	*	*	*	2012-10-01	*	2013-09-30	*	*	*
FY 14 Operations & Support	SS	*	*	*	2013-10-01	*	2014-09-30	*	*	*
FY 15 Operations & Support	SS	*	*	*	2014-10-01	*	2015-09-30	*	*	*
FY 16 Operations & Support	SS	*	*	*	2015-10-01	*	2016-09-30	*	*	*

2. If the investment cost, schedule, or performance variances are not within 10 percent of the current baseline, provide a complete analysis of the reasons for the variances, the corrective actions to be taken, and the most likely estimate at completion. N/A

3. For mixed lifecycle or operations and maintenance investments an Operational Analysis must be performed annually. Operational analysis may identify the need to redesign or modify an asset by identifying previously undetected faults in design, construction, or installation/integration, highlighting whether actual operation and maintenance costs vary significantly from budgeted costs, or documenting that the asset is failing to meet program requirements. The details of the analysis must be available to OMB upon request. Insert the date of the most recent or planned operational analysis.
2007-07-17

4. Did the Operational analysis cover all 4 areas of analysis: Customer Results, Strategic and Business Results, Financial Performance, and Innovation?
yes

Section C: Financial Management Systems

Table II.C.1: Financial Management Systems			
System(s) Name	System acronym	Type of Financial System	BY Funding
*	*	*	*

Section D: Multi-Agency Collaboration Oversight (For Multi-Agency Collaborations only)

Table II.D.1. Customer Table:	
Customer Agency	Joint exhibit approval date
NONE	

Table II.D.2. Shared Service Providers		
Shared Service Provider (Agency)	Shared Service Asset Title	Shared Service Provider Exhibit 53 UPI (BY 2011)
*	*	*

Table II.D.3. For IT Investments, Partner Funding Strategies (\$millions):							
Partner Agency	Partner exhibit 53 UPI (BY 2012)	CY Monetary Contribution	CY “In-Kind” Contribution	CY Fee-for-Service	BY Monetary Contribution	BY “In-Kind” Contribution	BY Fee-for-Service
NONE							

Table II.D.4. Legacy Systems Being Replaced		
Name of the Legacy Investment of Systems	Current UPI	Date of the System Retirement
*	*	*

Section E: Performance Information

Table I.E.1a. Performance Metric Attributes

Measurement Area (For IT Assets)	Measurement Grouping (For IT Assets)	Measurement Indicator	Reporting Frequency	Unit of Measure	Performance Measure Direction	Baseline	Year Baseline Established for this measure (Origination Date)
Technology	Service Availability	Average level of PRISM system availability	annual	System Availability	Increase	93.9% system availability	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	95% System Availability	93.7%	Not Met	2010-09-17
			2010	95% System Availability	95.4%	Met	2011-02-23
			2011	95% System Availability			2010-09-17
			2012	95% System Availability			2010-09-17
Technology	Availability	Core Financial system availability for users (including user lockout)	annual	System Availability	Increase	92.3%	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	Maintain 95% Availability	95.1%	Met	2011-02-23
			2010	Maintain 95% Availability	97.8%	Met	2011-02-23
			2011	Maintain 95% Availability			2010-09-17
			2012	Maintain 95% Availability			2010-09-17

Technology	Availability	Core Financial system hardware availability	annual	Availability	Increase	97.99%	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	Maintain 99.8% Availability	99.3%	Not Met	2011-02-23
			2010	Maintain 99.8% Availability	99.6%	Not Met	2011-02-23
			2011	Maintain 99.8% Availability			2010-09-17
			2012	Maintain 99.8% Availability			2010-09-17
Customer Results	Response Time	In any one month period, 90% of 'Severity 2' problems resolved within 8 hours (i.e. Core Financial, PRISM, NASA PP&E, eTravel, HCIE)	annual	Problem Resolution	Increase	91.5%	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	90%	89.05%	Not Met	2011-02-23
			2010	90%	88.1%	Not Met	2011-02-23
			2011	90%			2010-09-17
			2012	Maintain at least 90%			2010-09-17
Mission and Business Results	Accounting	Increase the percentage of total travel bookings completed on-line	annual	Travel Bookings Completed Online	Increase	1.8%	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated

			2009	40%	63%	Met	2010-09-17
			2010	50%	63%	Met	2011-02-23
			2011	60%			2010-09-17
			2012	Maintain at least 60%			2010-09-17
Customer Results	Customer Satisfaction	Product Satisfaction (i.e. Core Financial, PRISM, NASA PP&E, eTravel, HCIE, BW)	annual	Product Satisfaction	Increase	3.77 weighted average	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	Maintain at least 3.55 weighted average	4.0	Met	2010-09-17
			2010	Maintain at least 3.55 weighted average	4.0	Met	2011-02-23
			2011	Maintain at least 3.55 weighted average			2010-09-17
			2012	Maintain at least 3.55 weighted average			2010-09-17
Processes and Activities	Innovation and Improvement	Reduce FPPS interfaces to other systems requiring Human Capital data and transition valid interfaces for FPPS data to the Personnel Data Warehouse	annual	Number of Interfaces	Decrease	0%	2009-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	0	0%	Met	2010-09-17

			2010	10%	13.6%	Met	2011-02-23
			2011	20%			2010-09-17
			2012	30%			2010-09-17
			annual	Execution Time	Decrease	4.5 days	2008-10-01
Processes and Activities	Efficiency	Reduce the amount of system execution time during the year end close process	Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	Maintain system year end process completion to 5 days or less	2.27 days	Met	2010-09-17
			2010	Maintain system year end process completion to 5 days or less	13 hours	Met	2011-02-23
			2011	Maintain system year end process completion to 5 days or less			2010-09-17
			2012	Maintain system year end process completion to 5 days or less			2010-09-17
			annual	Integration	Increase	0%	2009-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	30%	75%	Met	2010-09-17
			2010	60%	93.8	Met	2011-02-23
		Streamline and integrate agency Human Capital Systems with a single point of access into the Human Capital Information Environment	2010	10%	13.6%	Met	2011-02-23
			2011	20%			2010-09-17
			2012	30%			2010-09-17
			annual	Execution Time	Decrease	4.5 days	2008-10-01
Processes and Activities	Innovation and Improvement	Streamline and integrate agency Human Capital Systems with a single point of access into the Human Capital Information Environment	Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	Maintain system year end process completion to 5 days or less	2.27 days	Met	2010-09-17
			2010	Maintain system year end process completion to 5 days or less	13 hours	Met	2011-02-23
			2011	Maintain system year end process completion to 5 days or less			2010-09-17
			2012	Maintain system year end process completion to 5 days or less			2010-09-17
			annual	Integration	Increase	0%	2009-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	30%	75%	Met	2010-09-17
			2010	60%	93.8	Met	2011-02-23

2011

90%

2010-09-17

Customer Results	Customer Satisfaction	Support Satisfaction (i.e. Core Financial, PRISM, NASA PP&E, eTravel, HCIE, BW)	annual	Support Satisfaction	Increase	3.72 weighted average	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	Maintain at least a 3.55 weighted average	4.1	Met	2010-09-17
			2010	Maintain at least a 3.55 weighted average	4.0		2011-02-23
			2011	Maintain at least a 3.55 weighted average			2010-09-17
			2012	Maintain at least a 3.55 weighted average			2010-09-17

* - Indicates data is redacted.